Pre-Measurement (1)

Project

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASUREMENT SHEET

PRE-MEASUREMENT

Name of work: Balance Work of Marriage Community Hall in Jakkur in Ward No. 07, (Byatarayanapura).

Estimated Cost : Rs. 200.00 Lakhs

Job Code: 007-23-000001

Head of Account : P-3242

Name of Agency: Sri K. Shankar Reddy, # 18, Bhuvaneshwarinagara, Bangalore - 560 024.

Work order No: EE(Project) Ynk Zone/WO/27/2022-23 Dated: 14-09-2022.

Measurements Recarded on : 28/11/22

Sl. No.	Description of Item	No.	L	B	D	Qty.	Rate / Unit
1	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.						Cum
	For Compound Wall N/S	1	15.00	0.90	0.90	12.15	
		1	15.00	0.90	0.90	12.15	
		1	2.00	0.90	0.90	1.62	
	S/S	1	15.00	0.90	0.90	12.15	
		1	1.40	0.90	0.90	1.13	
	E/S	1	15.00	0.90	0.90	12.15	
		1	11.60	0.90	0.90	9.40	
	W/S	1	15.00	0.90	0.90	12.15	
		1	9.00	0.90	0.90	7.29	
	Compound Columns	26	1.00	1.00	1.00	26.00	
	For RCC Drain	1	15.00	1.00	1.00	15.00	
		1	15.00	1.00	1.00	15.00	
	Deduction of Column Portion	-26	1.00	1.00	1.00	-26.00	
					Total Qty	110.19	

C&FC Krmathesh 28/11/22

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore

136.19

Assistant Engineer
Project Sub Division
Yelahanka Zone

Assistant Executive Engineer
Project Sub Division
Yelahanka Zone BBMP

K. Sankar Reddy

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Sl. No.	Description of Item	No.	L	B	D	Qty.	Rate / Unit
Measurements Recarded on :	29/11/22						
2	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite / trap / basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, qÀell compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) **Mix 1:4:8(M5) Using 40 mm nominal size graded crushed coarse aggregates**						Cum
	Building Surrounding						
	N/S	1	15.00	1.45+1.25	0.15	3.04	
		1	15.00	2 1.25+0.95	0.15	2.48	
		1	2.00	2 0.95+0.95	0.15	0.29	
	S/S	1	15.00	2 0.25+0.7+1.0	0.15	1.46	
		1	1.40	3 1.0+1.1	0.15	0.22	
	E/S	1	15.00	2 1.2+1.3	0.15	2.81	
		1	11.60	2 1.3+1.3	0.15	2.26	
	W/S	1	15.00	2 1.1+0.9	0.15	2.25	
		1	9.00	2 0.9+0.9 2	0.15	1.22	
	Compoun Wall						
	N/S	1	15.00	0.80	0.15	1.80	
		1	15.00	0.80	0.15	1.80	
		1	2.00	0.80	0.15	0.24	
	S/S	1	15.00	0.80	0.15	1.80	
		1	1.40	0.80	0.15	0.17	
	E/S	1	15.00	0.80	0.15	1.80	
		1	11.60	0.80	0.15	1.39	
	W/S	1	15.00	0.80	0.15	1.80	
		1	9.00	0.80	0.15	1.08	
	Compound Columns						
		26	1.00	1.00	0.15	3.90	
	For RCC Drain	1	15.00	1.00	0.15	2.25	
		1	15.00	1.00	0.15	2.25	36.30
	Deduction Column Portion						
	N/S	-9	0.60	0.80	0.15	-0.65	
	S/S	-4	0.60	0.80	0.15	-0.29	1.87
	E/S	-9	0.60	0.80	0.15	-0.65	
	W/S	-4	0.60	0.80	0.15	-0.29	
				Total Qty		34.43	

C2PC
Kumaraswamy
29/11/22

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore -92

TEJUS CONSULTANTS

Assistant Engineer
Project Sub Division
Yelahanka Zone

Assistant Executive Engineer
Project Sub Division
Yelahanka Zone BBMP

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Sl. No.	Description of Item	No.	L	B	D	Qty.	Rate / Unit
Measurements Recarded on :		20/9/22 , 10/10/22 , 01/12/22					
7	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.						Tonne
	Ground Floor Steel						
	For Building Colums	Nos	Mtrs	Mtrs	Kg/M	Kgs	
	20mm						
	16mm	6x18	3.00	324.00	2.47	800.28	
	10mm Rings Alround	6x9	3.00	162.00	1.58	255.96	
	10mm Rings Middle	6x35	2.30	483.00	0.62	299.46	
	10mm Rings Middle	6x35	1.80	378.00	0.62	234.36	
	20mm	6x35	1.40	294.00	0.62	182.28	
	16mm	19x16	3.00	912.00	2.47	2252.64	
	10mm Rings Alround	19x9	3.00	513.00	1.58	810.54	
	10mm Rings Middle	19x35	2.00	1330.00	0.62	824.60	
	10mm Rings Middle	19x35	1.80	1197.00	0.62	742.14	
	Lift Column	19x35	1.20	798.00	0.62	494.76	
	16mm						
	10mm Rings Middle	4x8	3.00	96.00	1.58	151.68	
	10mm Rings Middle	4x38	1.80	273.60	0.62	169.63	
	Roof Beam	4x38	1.00	152.00	0.62	94.24	
	Beams Towards N/S to S/S						
	16 mm	8	6.00	48.00	1.58	75.84	
	12 mm	4	6.00	24.00	0.89	21.36	
	10 mm Ring	42	1.70	71.40	0.62	44.27	
	10 mm Ring	42	1.40	58.80	0.62	36.46	
	16 mm	8	4.90	39.20	1.58	61.94	
	12 mm	4	4.90	19.60	0.89	17.44	
	10 mm Ring	35	1.70	59.50	0.62	36.89	
	10 mm Ring	35	1.40	49.00	0.62	30.38	
	20 mm	8	22.60	180.80	2.47	446.58	
	12 mm	4	22.60	90.40	1.58	142.83	
	10mm Rings Middle	180	1.80	324.00	0.62	200.88	
	10mm Rings Middle	180	1.40	252.00	0.62	156.24	
	16 mm	20	22.60	452.00	2.47	1116.44	
	12 mm	4	22.60	90.40	0.89	80.46	
	10mm Rings Alround	248	2.40	595.20	0.62	369.02	
	10mm Rings Middle	248	1.80	446.40	0.62	276.77	
	10mm Rings Middle	248	1.40	347.20	0.62	215.26	
	16 mm	20	22.60	452.00	1.58	714.16	
	12 mm	6	22.60	135.60	0.89	120.68	
	10mm Rings Alround	248	2.40	595.20	0.62	369.02	
	10mm Rings Middle	248	1.80	446.40	0.62	276.77	
	10mm Rings Middle	248	1.40	347.20	0.62	215.26	
	20 mm	20	22.60	452.00	2.47	1116.44	
	12 mm	6	22.60	135.60	1.58	214.25	
	10mm Rings Alround	248	2.40	595.20	0.62	369.02	
	10mm Rings Middle	248	1.80	446.40	0.62	276.77	
	10mm Rings Middle	248	1.40	347.20	0.62	215.26	
	16 mm	10	22.60	226.00	1.58	357.08	

C&PC Kundrel

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore -92

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Pre-Measurement (4)

Sl. No.	Description of Item	No.	L	B	D	Qty.	Rate / Unit
	12 mm	6	22.60	135.60	0.89	120.68	
	16 mm	10	5.45	54.50	1.58	86.11	
	12 mm	6	5.45	32.70	0.89	29.10	
	10 mm Ring	56	1.70	95.20	0.62	59.02	
	10 mm Ring	56	1.40	78.40	0.62	48.61	
	16 mm	10	9.80	98.00	1.58	154.84	
	12 mm	6	9.80	58.80	0.89	52.33	
	10 mm Ring	99	1.70	168.30	0.62	104.38	
	10 mm Ring	99	1.40	138.60	0.62	85.93	
	16 mm	10	4.15	41.50	1.58	65.57	
	12 mm	6	4.15	24.90	0.89	22.16	
	10 mm Ring	42	1.70	71.40	0.62	44.27	
	10 mm Ring	42	1.40	58.80	0.62	36.46	
	16 mm	10	5.90	59.00	1.58	93.22	
	12 mm	6	5.90	35.40	0.89	31.51	
	10 mm Ring	59	1.70	100.30	0.62	62.19	
	10 mm Ring	59	1.40	82.60	0.62	51.21	
	Beams Towards E/S to W/S						
	16 mm	8	29.60	236.80	1.58	374.14	
	12 mm	4	29.60	118.40	0.89	105.38	
	10 mm Ring	296	1.70	503.20	0.62	311.98	
	10 mm Ring	296	1.40	414.40	0.62	256.93	
	16 mm	8	5.40	43.20	1.58	68.26	
	12 mm	4	5.40	21.60	0.89	19.22	
	10 mm Ring	54	1.70	91.80	0.62	56.92	
	10 mm Ring	54	1.40	75.60	0.62	46.87	
	16 mm	8	4.10	32.80	1.58	51.82	
	12 mm	4	4.10	16.40	0.89	14.60	
	10 mm Ring	41	1.70	69.70	0.62	43.21	
	10 mm Ring	41	1.40	57.40	0.62	35.59	
	16 mm	8	4.00	32.00	1.58	50.56	
	12 mm	4	4.00	16.00	0.89	14.24	
	10 mm Ring	40	1.70	68.00	0.62	42.16	
	10 mm Ring	40	1.40	56.00	0.62	34.72	
	16 mm	8	4.00	32.00	1.58	50.56	
	12 mm	4	4.00	16.00	0.89	14.24	
	10 mm Ring	40	1.70	68.00	0.62	42.16	
	10 mm Ring	40	1.40	56.00	0.62	34.72	
	16 mm	8	3.80	30.40	1.58	48.03	
	12 mm	4	3.80	15.20	0.89	13.53	
	10 mm Ring	38	1.70	64.60	0.62	40.05	
	10 mm Ring	38	1.40	53.20	0.62	32.98	
	16 mm	8	3.80	30.40	1.58	48.03	
	12 mm	4	3.80	15.20	0.89	13.53	
	10 mm Ring	38	1.70	64.60	0.62	40.05	
	10 mm Ring	38	1.40	53.20	0.62	32.98	
	16 mm	8	4.10	32.80	1.58	51.82	
	12 mm	4	4.10	16.40	0.89	14.60	
	10 mm Ring	41	1.70	69.70	0.62	43.21	
	10 mm Ring	41	1.40	57.40	0.62	35.59	

C/F 11886.35

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C&FC Kaundry 20/9/22

C&FC Kaundry 30/10/22

C&FC Kaundry 10/10/22

Asst. Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore - 92

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Pre-Measurement

Sl. No.	Description of Item	No.	L	B	D	Qty.	Rate / Unit
	16 mm	8	4.00	32.00	1.58	50.56	
	12 mm	4	4.00	16.00	0.89	14.24	
	10 mm Ring	40	1.70	68.00	0.62	42.16	
	10 mm Ring	40	1.40	56.00	0.62	34.72	
	16 mm	8	4.00	32.00	1.58	50.56	
	12 mm	4	4.00	16.00	0.89	14.24	
	10 mm Ring	40	1.70	68.00	0.62	42.16	
	10 mm Ring	40	1.40	56.00	0.62	34.72	
	16 mm	8	4.10	32.80	1.58	51.82	
	12 mm	4	4.10	16.40	0.89	14.60	
	10 mm Ring	41	1.70	69.70	0.62	43.21	
	10 mm Ring	41	1.40	57.40	0.62	35.59	
	16 mm	8	4.00	32.00	1.58	50.56	
	12 mm	4	4.00	16.00	0.89	14.24	
	10 mm Ring	40	1.70	68.00	0.62	42.16	
	10 mm Ring	40	1.40	56.00	0.62	34.72	
	16 mm	8	2.10	16.80	1.58	26.54	
	12 mm	4	2.10	8.40	0.89	7.48	
	10 mm Ring	21	1.70	35.70	0.62	22.13	
	10 mm Ring	21	1.40	29.40	0.62	18.23	
	16 mm	8	1.40	11.20	1.58	17.70	
	12 mm	4	1.40	5.60	0.89	4.98	
	10 mm Ring	17	1.70	28.90	0.62	17.92	
	10 mm Ring	17	1.40	23.80	0.62	14.76	
	16 mm	8	4.10	32.80	1.58	51.82	
	12 mm	4	4.10	16.40	0.89	14.60	
	10 mm Ring	40	1.70	69.70	0.62	43.21	
	10 mm Ring	41	1.40	57.40	0.62	35.59	
	16 mm	8	4.00	32.00	1.58	50.56	
	12 mm	4	4.00	16.00	0.89	14.24	
	10 mm Ring	40	1.70	68.00	0.62	42.16	
	10 mm Ring	40	1.40	56.00	0.62	34.72	
	16 mm	8	4.00	32.00	1.58	50.56	
	12 mm	4	4.00	16.00	0.89	14.24	
	10 mm Ring	40	1.70	68.00	0.62	42.16	
	10 mm Ring	40	1.40	56.00	0.62	34.72	
	16 mm	8	1.90	15.20	1.58	24.02	
	12 mm	4	1.90	7.60	0.89	6.76	
	10 mm Ring	19	1.70	32.30	0.62	20.03	
	10 mm Ring	19	1.40	26.60	0.62	16.49	
	16 mm	8	14.60	116.80	1.58	184.54	
	12 mm	4	14.60	58.40	0.89	51.98	
	10 mm Ring	146	1.70	248.20	0.62	153.88	
	10 mm Ring	146	1.40	204.40	0.62	126.73	
	Roof Slab						
	12 mm 2 Way Slab	285	(29.0+15.6)/2	6483.75	0.89	5770.54	

C & RC
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10/10/22
Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

C & RC
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10/10/22
Asst. Executive Engineer
Project Division

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Pre-Measurement

Sl. No.	Description of Item	No.	L	B	D	Qty.	Rate / Unit
	12 mm	283	(29.6+15.3)/2	6398.25	0.89	5694.44	
	10 mm	305	(23.9+25.0)/2	7457.25	0.62	4623.50	
	10 mm	305	(23.6+24.7)/2	7365.75	0.62	4566.77	
	Compound Matt						
	12mm	26x6	0.90	140.40	1.58	221.83	
	12mm	26x6	0.90	140.40	1.58	221.83	
	Compound Columns						
	16mm	22x4	3.35	294.80	1.58	465.78	
	10mm Rings	22x23	1.35	683.10	0.62	423.52	
	Front Gate						
	16mm	4x4	3.30	52.80	1.58	83.42	
	10mm Rings	4x22	1.35	118.80	0.62	73.66	
	Compound Plinth Beam						
	16mm	4x4	102.00	1632.00	1.58	2578.56	
	10mm Rings Middle	4x680	1.35	3672.00	0.62	2276.64	
	Above Gate Beam						
	12 mm	4	8.90	35.60	0.89	31.68	
	10 mm Ring	61	1.10	67.10	0.62	41.60	
	U Shape Drains						
	12 mm dia	825	2.10	1732.50	0.89	1541.93	
	10 mm dia	16	78.00	1248.00	0.62	773.76	
	Deck Slab						
	12 mm dia	301	0.90	270.90	0.89	241.10	
	10 mm dia	6	30.00	180.00	0.62	111.60	
						49713.46	
			Total Qty			**49.71**	
			Qty Limited to Tender Qty			**49.71**	

Assistant Engineer
Project Sub Division
Yelahanka Zone

K. Sankar Reddy

Assistant Executive Engineer
Project Sub Division
Yelahanka Zone BBMP

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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Pre-Measurement (A)

Project

Sl. No.	Description of Item	No.	L	B	D	Qty.	Rate / Unit
	Measurements Recarded on :	21/9/22, 11/10/22, 8/12/22, 6/12/22, 12/12/22					
5	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite / trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately)						Cum
	Ground Floor						
	Plinth to Roof						
	Columns 1	19	0.60	0.30	2.70	9.23	
	Columns 2	6	0.60	0.45	2.40	3.89	
	Lift Columns	4	0.60	0.20	2.70	1.30	
	Roof Beam						
	Beams Towards N/S to S/S						
	B1	1	6.00	0.30	0.30	0.54	
	B2	1	4.90	0.30	0.30	0.44	
	B3	1	22.60	0.30	0.30	2.03	
	B4, B5	2	22.60	0.60	0.60	16.27	
	B6	1	15.55	0.60	0.60	5.60	
	B7	1	5.00	0.30	0.30	0.45	
	B8	1	9.80	0.30	0.30	0.88	
	B9	1	4.15	0.30	0.30	0.37	
	B10	1	5.90	0.30	0.30	0.53	
	Beams Towards E/S to W/S						
	Main Beam B-A	1	29.60	0.30	0.30	2.66	
	From B10 to B6 B-B	1	5.40	0.30	0.30	0.49	
	From B6 to B5 B-B	1	4.10	0.30	0.30	0.37	
	From B5 to B4 B-B	1	4.00	0.30	0.30	0.36	
	From B4 to B3 B-B	1	4.00	0.30	0.30	0.36	
	From B3 to B1 B-B	1	3.80	0.30	0.30	0.34	
	From B9 to B6 B-D	1	3.50	0.30	0.30	0.32	
	From B6 to B5 B-C	1	4.10	0.30	0.30	0.37	
	From B5 to B4 B-C	1	4.00	0.30	0.30	0.36	
	From B4 to B3 B-C	1	4.00	0.30	0.30	0.36	
	From B6 to B5 B-E	1	4.10	0.30	0.30	0.37	
	From B5 to B4 B-E	1	4.00	0.30	0.30	0.36	
	From B4 to B3 B-E	1	4.00	0.30	0.30	0.36	
	From B3 to B2 B-F	1	2.10	0.30	0.30	0.19	
	From B8 to B6 B-G	1	1.40	0.30	0.30	0.13	
	From B6 to B5 B-G	1	4.10	0.30	0.30	0.37	
	From B5 to B4 B-G	1	4.00	0.30	0.30	0.36	
	From B4 to B3 B-G	1	4.00	0.30	0.30	0.36	
	From B3 to End B-G	1	1.90	0.30	0.30	0.17	
	B-H	1	15.30	0.30	0.30	1.38	
	Lift Beam	2	1.40	0.20	0.45	0.25	
		2	1.80	0.20	0.45	0.32	
	Staircase - Pit	1	1.50	1.20	0.45	0.81	
	W/S	3	1.50	2.40	0.15	1.62	
	Landing	1	1.50	1.50	0.15	0.34	
		1	1.70	1.50	0.15	0.38	
	Steps	17 x 0.50	1.50	0.30	0.15	0.57	
	Sump Portion-Bottom Slab	1	3.50	3.50	0.20	2.45	
	Side Walls	2	3.50	0.30	3.00	6.30	
		2	2.90	0.30	3.00	5.22	
	Sump Top Slab	1	3.50	3.50	0.15	1.84	
	Roof Slab	1	(24.7+23.6)/2	(29.6+15.3)/2	0.20	108.43	
	For Compound Columns Footing						

C&PC Hundred 21/9/22

C&PC Hundred 11/10/22

Asst. Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore - 92

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Pre-Measurement

Sl. No.	Description of Item	No.	L	B	D	Qty.	Rate / Unit
	N/S	9	0.90	0.90	0.75	5.47	
	S/S	4	0.90	0.90	0.75	2.43	
	E/S	9	0.90	0.90	0.75	5.47	
	W/S	4	0.90	0.90	0.75	2.43	
	Footing to Plinth						
	N/S	9	0.30	0.30	0.60	0.49	
	S/S	4	0.30	0.30	0.60	0.22	
	E/S	9	0.30	0.30	0.60	0.49	
	W/S	4	0.30	0.30	0.60	0.22	
	Compound Plinth beams						
	For Compound Wall N/S	1	15.00	0.30	0.30	1.35	
		1	15.00	0.30	0.30	1.35	
		1	2.00	0.30	0.30	0.18	
	S/S	1	15.00	0.30	0.30	1.35	
		1	1.40	0.30	0.30	0.13	
	E/S	1	15.00	0.30	0.30	1.35	
		1	11.60	0.30	0.30	1.04	
	W/S	1	15.00	0.30	0.30	1.35	
		1	9.00	0.30	0.30	0.81	
	Column Above Plinth						
	N/S	9	0.23	0.23	1.85	0.88	
	S/S	4	0.23	0.23	2.00	0.42	
	E/S	5	0.23	0.23	1.80	0.48	
		4	0.23	0.23	2.30	0.49	
	W/S	4	0.23	0.23	1.90	0.40	
	Above Gate Beam	1	8.90	0.30	0.15	0.40	
	For RCC Drain						
	Raft	1	15.00	1.00	0.15	2.25	
		1	15.00	1.00	0.15	2.25	
	Side Walls						
		2	15.00	0.15	0.60	2.70	
		2	15.00	0.15	0.60	2.70	
	Deck Slab						
		1	15.00	0.90	0.15	2.03	
		1	15.00	0.90	0.15	2.03	
						223.25	
	Deduction - Staircase and Lift Portion	1	5.60	5.20	0.20	5.82	
	Sump -Inspection Door	1	0.60	0.60	0.15	0.05	
	Deduction for Compound Columns						
		9	0.30	0.15	0.30	0.12	
		4	0.30	0.15	0.30	0.05	
		9	0.30	0.15	0.30	0.12	
		4	0.30	0.15	0.30	0.05	
						-6.21	
			Total Qty			**217.04**	

C&FC Arundrath 2/12/22

C&FC Arundrath 6/12/22

C&FC Arundrath 12/12/22

6.21

Asst. Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore - 92

Assistant Engineer
Project Sub Division
Yelahanka Zone

K. Sankar Reddy

Assistant Executive Engineer
Project Sub Division
Yelahanka Zone BBMP

Asst. Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore - 92

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(4)

Pre-Measurement

Sl. No.	Description of Item	No.	L	B	D	Qty.	Rate / Unit
	Measurements Recarded on : 21/11/22, 21/11/22						
8	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.						Tonne
	First Floor Steel						
	For Colums	Nos	Mtrs	Mtrs	Kg/M	Kgs	
	20mm						
	16mm						
	10mm Rings Alround	6x18	5.00	540.00	2.47	1333.80	
	10mm Rings Middle	6x4	5.00	120.00	1.58	189.60	
	10mm Rings Middle	6x50	2.30	690.00	0.62	427.80	
	20mm	6x50	1.80	540.00	0.62	334.80	
	16mm	6x50	1.40	420.00	0.62	260.40	
	10mm Rings Alround	19x16	5.00	1520.00	2.47	3754.40	
	10mm Rings Middle	19x4	5.00	380.00	1.58	600.40	
	10mm Rings Middle	19x50	2.00	1900.00	0.62	1178.00	
	10mm Rings Middle	19x50	1.80	1710.00	0.62	1060.20	
	Lift Column	19x50	1.20	1140.00	0.62	706.80	
	16mm						
	10mm Rings Middle	4x8	5.00	160.00	1.58	252.80	
	10mm Rings Middle	4x38	1.80	273.60	0.62	169.63	
	Roof Beam	4x38	1.00	152.00	0.62	94.24	
	Beams Towards N/S to S/S						
	16 mm						
	12 mm	8	6.00	48.00	1.58	75.84	
	10 mm Ring	4	6.00	24.00	0.89	21.36	
	16 mm	41	1.70	69.70	0.62	43.21	
	12 mm	8	4.90	39.20	1.58	61.94	
	10 mm Ring	4	4.90	19.60	0.89	17.44	
	20 mm	33	1.70	56.10	0.62	34.78	
	12 mm	8	22.60	180.80	2.47	446.58	
	10mm Rings Middle	4	22.60	90.40	1.58	142.83	
	10mm Rings Middle	151	1.80	271.80	0.62	168.52	
	16 mm	151	1.40	211.40	0.62	131.07	
	12 mm	20	22.60	452.00	2.47	1116.44	
	10mm Rings Alround	4	22.60	90.40	0.89	80.46	
	10mm Rings Middle	226	2.40	542.40	0.62	336.29	
	10mm Rings Middle	226	1.80	406.80	0.62	252.22	
	16 mm	226	1.40	316.40	0.62	196.17	
	12 mm	10	22.60	452.00	1.58	714.16	
	10mm Rings Alround	6	22.60	135.60	0.89	120.68	
	10mm Rings Middle	226	2.40	542.40	0.62	336.29	
	10mm Rings Middle	226	1.80	406.80	0.62	252.22	
	10mm Rings Middle	226	1.40	316.40	0.62	196.17	
	20 mm	20	22.60	452.00	2.47	1116.44	
	12 mm	6	22.60	135.60	1.58	214.25	
	10mm Rings Alround	226	2.40	542.40	0.62	336.29	
	10mm Rings Middle	226	1.80	406.80	0.62	252.22	
	10mm Rings Middle	226	1.40	316.40	0.62	196.17	
	16 mm	10	22.60	226.00	1.58	357.08	
	12 mm	6	22.60	135.60	0.89	120.68	
	16 mm	10	5.45	54.50	1.58	86.11	
	12 mm	6	5.45	32.70	0.89	29.10	
	10 mm Ring	56	1.70	95.20	0.62	59.02	
	16 mm	10	9.80	98.00	1.58	154.84	18029.73

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Asst. Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore - 92

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Pre-Measurement

Sl. No.	Description of Item	No.	L	B	D	Qty.	Rate / Unit
	12 mm	6	9.80	58.80	0.89	52.33	18029.73
	10 mm Ring	99	1.70	168.30	0.62	104.35	
	16 mm	10	4.15	41.50	1.58	65.57	
	12 mm	6	4.15	24.90	0.89	22.16	
	10 mm Ring	42	1.70	71.40	0.62	44.27	
	16 mm	10	5.90	59.00	1.58	93.22	
	12 mm	6	5.90	35.40	0.89	31.51	
	10 mm Ring	59	1.70	100.30	0.62	62.19	
	Beams Towards E/S to W/S						
	16 mm	8	29.60	236.80	1.58	374.14	
	12 mm	2	29.60	59.20	0.89	52.69	
	10 mm Ring	191	1.70	324.70	0.62	201.31	
	16 mm	8	5.40	43.20	1.58	68.26	
	12 mm	2	5.40	10.80	0.89	9.61	
	10 mm Ring	54	1.70	91.80	0.62	56.92	
	16 mm	8	4.10	32.80	1.58	51.82	
	12 mm	2	4.10	8.20	0.89	7.30	
	10 mm Ring	41	1.70	69.70	0.62	43.21	
	16 mm	8	4.00	32.00	1.58	50.56	
	12 mm	2	4.00	8.00	0.89	7.12	
	10 mm Ring	40	1.70	68.00	0.62	42.16	
	16 mm	8	4.00	32.00	1.58	50.56	
	12 mm	2	4.00	8.00	0.89	7.12	
	10 mm Ring	40	1.70	68.00	0.62	42.16	
	16 mm	8	3.80	30.40	1.58	48.03	
	12 mm	2	3.80	7.60	0.89	6.76	
	10 mm Ring	38	1.70	64.60	0.62	40.05	
	16 mm	8	3.80	30.40	1.58	48.03	
	12 mm	2	3.80	7.60	0.89	6.76	
	10 mm Ring	38	1.70	64.60	0.62	40.05	
	16 mm	8	4.10	32.80	1.58	51.82	
	12 mm	2	4.10	8.20	0.89	7.30	
	10 mm Ring	41	1.70	69.70	0.62	43.21	
	16 mm	8	4.00	32.00	1.58	50.56	
	12 mm	2	4.00	8.00	0.89	7.12	
	10 mm Ring	40	1.70	68.00	0.62	42.16	
	16 mm	8	4.00	32.00	1.58	50.56	
	12 mm	2	4.00	8.00	0.89	7.12	
	10 mm Ring	40	1.70	68.00	0.62	42.16	
	16 mm	8	4.10	32.80	1.58	51.82	
	12 mm	2	4.10	8.20	0.89	7.30	
	10 mm Ring	41	1.70	69.70	0.62	43.21	
	16 mm	8	4.00	32.00	1.58	50.56	
	12 mm	2	4.00	8.00	0.89	7.12	
	10 mm Ring	40	1.70	68.00	0.62	42.16	
	16 mm	8	4.00	32.00	1.58	50.56	
	12 mm	2	4.00	8.00	0.89	7.12	
	10 mm Ring	40	1.70	68.00	0.62	42.16	
	16 mm	8	2.10	16.80	1.58	26.54	
	12 mm	2	2.10	4.20	0.89	3.74	
	10 mm Ring	21	1.70	35.70	0.62	22.13	
	16 mm	8	1.40	11.20	1.58	17.70	

20434.10

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore 92

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(11)

Pre-Measurement

No.	Description of Item	No.	L	B	D	Qty.	Rate / Unit
	12 mm						
	10 mm Ring	2	1.40	2.80	0.89	2.49	
	16 mm	17	1.70	28.90	0.62	17.92	
	12 mm	8	4.10	32.80	1.58	51.82	
	10 mm Ring	2	4.10	8.20	0.89	7.30	
	16 mm	41	1.70	69.70	0.62	43.21	
	12 mm	8	4.00	32.00	1.58	50.56	
	10 mm Ring	2	4.00	8.00	0.89	7.12	
	16 mm	40	1.70	68.00	0.62	42.16	
	12 mm	8	4.00	32.00	1.58	50.56	
	10 mm Ring	2	4.00	8.00	0.89	7.12	
	16 mm	40	1.70	68.00	0.62	42.16	
	12 mm	8	1.90	15.20	1.58	24.02	
	10 mm Ring	2	1.90	3.80	0.89	3.38	
	16 mm	19	1.70	32.30	0.62	20.03	
	12 mm	8	14.60	116.80	1.58	184.54	
	10 mm Ring	2	14.60	29.20	0.89	25.99	
		146	1.70	248.20	0.62	153.88	
	Roof Slab						
	12 mm 2 Way Slab	220	(29.6+15.3)/2	4939.00	0.89	4395.71	
	12 mm	220	(29.6+15.3)/2	4939.00	0.89	4395.71	
	10 mm	225	(23.6+24.7)/2	5433.75	0.62	3368.93	
	10 mm	225	(23.6+24.7)/2	5433.75	0.62	3368.93	
						36697.64	
			Total Qty			**36.70**	
			Qty Limited to Tender Qty			**36.62**	

Cf 20/12/22: 10

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92
21/11/22

Assistant Engineer
Project Sub Division
Yelahanka Zone

K. Sankar Reddy

Assistant Executive Engineer
Project Sub Division
Yelahanka Zone BBMP

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92
12/12/22

TEJUS CONSULTANTS

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Sl. No.	Description of Item	No.	L	B	D	Qty.	Rate / Unit
	Measurements Recarded on : 3/11/22, 22/11/22, 12/12/22						
6	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite / trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately)						Cum
	First Floor						
	Columns 1	19	0.60	0.30	3.55	12.14	
	Columns 2	6	0.60	0.45	3.55	5.75	
	Lift Columns	4	0.60	0.20	3.55	1.70	
	Cill Concrete						
	Below Window	5	2.40	0.40	0.15	0.72	
	Above Window	13	2.40	0.20	0.15	0.94	
	Walls Towards N/S to S/S						
	B1	1	6.00	0.30	0.30	0.54	
	B2	1	4.90	0.30	0.30	0.44	
	B3	1	22.60	0.30	0.30	2.03	
	B4, B5	2	22.60	0.60	0.60	16.27	
	B6	1	15.55	0.60	0.60	5.60	
	B7	1	5.45	0.30	0.30	0.49	
	B8	1	9.80	0.30	0.30	0.88	
	B9	1	4.15	0.30	0.30	0.37	
	B10	1	5.90	0.30	0.30	0.53	
	Walls Towards E/S to W/S						
	Main Beam B-A	1	29.60	0.30	0.30	2.66	
	From B10 to B6 B-B	1	5.40	0.30	0.30	0.49	
	From B6 to B5 B-B	1	4.10	0.30	0.30	0.37	
	From B5 to B4 B-B	1	4.00	0.30	0.30	0.36	
	From B4 to B3 B-B	1	4.00	0.30	0.30	0.36	
	From B3 to B1 B-B	1	3.80	0.30	0.30	0.34	
	From B9 to B6 B-C	1	3.50	0.30	0.30	0.32	
	From B6 to B5 B-C	1	4.10	0.30	0.30	0.37	
	From B5 to B4 B-C	1	4.00	0.30	0.30	0.36	
	From B4 to B3 B-C	1	4.00	0.30	0.30	0.36	
	From B6 to B5 B-E	1	4.10	0.30	0.30	0.37	
	From B5 to B4 B-E	1	4.00	0.30	0.30	0.36	
	From B4 to B3 B-E	1	4.00	0.30	0.30	0.36	
	From B3 to B2 B-F	1	2.10	0.30	0.30	0.19	
	From B8 to B6 B-G	1	1.40	0.30	0.30	0.13	
	From B6 to B5 B-G	1	4.10	0.30	0.30	0.37	
	From B5 to B4 B-G	1	4.00	0.30	0.30	0.36	
	From B4 to B3 B-G	1	4.00	0.30	0.30	0.36	
	From B3 to End B-G	1	1.90	0.30	0.30	0.17	
	B-H	1	15.30	0.30	0.30	1.38	
	Lift Beam	2	1.40	0.45	0.20	0.25	
		2	1.80	0.45	0.20	0.32	
	Staircase						
	W/S	3	1.50	2.40	0.15	1.62	
	Landing	1	1.50	1.50	0.15	0.34	
		1	1.70	1.50	0.15	0.38	
	Steps	22 x 0.50	1.50	0.30	0.15	0.74	
							62.09

C&RC Foundry 3/11/22

C&RC Foundry 22/11/22

Asst. Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore - 92

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Sl. No.	Description of Item	No.	L	B	D	Qty.	Rate / Unit
	Roof Slab	1	(24.7+23.6)/2	(29.51+15.3)/2	0.20	108.22	
		1	2.50	2.24	0.15	0.84	
	Column Raising after roof 1st Floor						
	Columns 1	19	0.60	0.30	1.00	3.42	
	Columns 2	6	0.60	0.20	1.00	0.72	
	Lift Columns	4	0.60	0.45	1.00	1.08	
	Parapet Wall Coping						
		1	24.00	0.15	0.10	0.36	
		1	24.70	0.15	0.10	0.37	
		1	29.60	0.15	0.10	0.44	
		1	15.60	0.15	0.10	0.23	
	Deduction - Staircase and Lift Portion	-1	5.60	5.20	0.20	-5.82	
						171.95	

Assistant Engineer
Project Sub Division
Yelahanka Zone

Assistant Executive Engineer
Project Sub Division
Yelahanka Zone BBMP

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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(14)

Pre-Measurement

Measurements Recarded on : 5/12/22

Sl. No.	Description of Item	No.	L	B	D	Qty.	Rate / Unit
3	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 Cement : 6 Coarse sand)						Cum
	1st Course						
	For Compound Wall N/S	1	15.00	0.60	0.60	5.40	
		1	15.00	0.60	0.60	5.40	
		1	2.00	0.60	0.60	0.72	
	S/S	1	15.00	0.60	0.60	5.40	
		1	1.40	0.60	0.60	0.50	
	E/S	1	15.00	0.60	0.60	5.40	
		1	11.60	0.60	0.60	4.18	
	W/S	1	15.00	0.60	0.60	5.40	
		1	9.00	0.60	0.60	3.24	35.64
	Deduction Column Portion						
	N/S	-9	0.30	0.30	0.60	-0.49	
	S/S	-4	0.30	0.30	0.60	-0.22	1.40
	E/S	-9	0.30	0.30	0.60	-0.49	
	W/S	-4	0.30	0.30	0.60	-0.22	
	2nd Couse For Compound Wall N/S						34.24
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	2.00	0.45	0.45	0.41	
	S/S	1	15.00	0.45	0.45	3.04	
		1	1.40	0.45	0.45	0.28	
	E/S	1	15.00	0.45	0.45	3.04	
		1	11.60	0.45	0.45	2.35	
	W/S	1	15.00	0.45	0.45	3.04	
		1	9.00	0.45	0.45	1.82	54.29
	Deduction Column Portion						
	N/S	-9	0.30	0.30	0.45	-0.36	
	S/S	-4	0.30	0.30	0.45	-0.16	1.05
	E/S	-9	0.30	0.30	0.45	-0.36	
	W/S	-4	0.30	0.30	0.45	-0.16	
				Total Qty		**53.23**	

C2FC Kmundvol 5/12/22

Asst Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore - 92

Assistant Engineer
Project Sub Division
Yelahanka Zone

K. Sankar Reddy

Assistant Executive Engineer
Project Sub Division
Yelahanka Zone BBMP

Kmundvol 5/12/22

Asst Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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(15)

Pre-Measurement

Measurements Recarded on : 26/12/22

Description of Item	No.	L	B	D	Qty.	Rate / Unit
Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications						Sqm
Ground Floor						
Hall	1	9.70		2.60	25.22	
	1	10.20		2.60	26.52	
	1	6.20		2.60	16.12	
	1	5.15		2.60	13.39	
Kitchen	1	5.10		2.60	13.26	
	1	9.10		2.60	23.66	
	1	5.60		2.60	14.56	
Compound Wall						
For Compound Wall N/S	1	15.00		1.85	27.75	
	1	15.00		1.85	27.75	
	1	2.00		1.85	3.70	
S/S	1	15.00		2.00	30.00	
	1	1.40		2.00	2.80	
E/S	1	15.00		1.80	27.00	
	1	11.60		1.80	20.88	
W/S	1	15.00		1.90	28.50	
	1	9.00		1.90	17.10	
					318.21	
Deductions						
Main Door	1	1.50		2.25	3.38	
Windows	3	1.50		1.40	6.30	
	1	3.00		0.90	2.70	
	1	3.00		1.45	4.35	
	1	3.00		0.90	2.70	
Ventilator	1	1.50		1.45	2.18	
	1	1.50		0.90	1.35	
	1	1.50		0.90	1.35	
	26	0.23		1.90	11.36	
Compound Columns	1	2.60		1.90	4.94	
Gate Portion	1	4.30		1.90	8.17	
	1	1.20		1.80	2.16	
					-50.93	
Total Qty					**267.28**	

50.93

CRFC Kumudvati 26/12/22

Asst. Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore - 92

26/12/2022

Assistant Engineer
Project Sub Division
Yelahanka Zone

K. Sankar Reddy

Assistant Executive Engineer
Project Sub Division
Yelahanka Zone BBMP

Asst. Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore - 92

26/12/22

TEJUS CONSULTANTS

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Measurements Recarded on : 29/12/22

Pre-Measurement

Description of Item	No.	L	B	D	Qty.	Rate / Unit
Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications						Sqm
First Floor						
Wall Anganavadi Side						
Vacent Site Side	1	28.90		3.20	92.48	
Apartment Side	1	14.60		3.20	46.72	
Road Side	1	23.00		3.20	73.60	
	1	23.70		3.20	75.84	
Rooms 2 & 3	2	5.10		3.20	32.64	
Hall	1	10.50		3.20	33.60	
	1	5.45		3.20	17.44	
Room 1						
	1	4.50		3.20	14.40	
	1	5.85		3.20	18.72	
	1	5.05		2.70	13.64	
Toilet Walls						
	3	1.85		2.10	11.66	
Stair Case Wall						
	2	1.80		4.35	15.66	
	2	1.40		4.35	12.18	
Stair Case outside						
	1	5.40		1.85	9.99	
	1	3.95		1.85	7.31	
Out Side Wall						
	1	11.90		1.53	18.21	
Parapet Wall						
	1	29.60		0.90	26.64	
	1	15.60		0.90	14.04	
	1	24.00		0.90	21.60	
	1	24.70		0.90	22.23	
Extension	8	0.22		0.90	1.58	
					580.17	
Deduction for Doors						
Main Door	-1	1.40		2.10	-2.94	
Room Doors	-4	1.05		2.10	-8.82	
Toilet Dorrs	-4	0.70		2.10	-5.88	
Windows	-13	1.50		1.50	-29.25	
	-1	0.90		0.60	-0.54	
Ventilators	-4	0.43		0.72	-1.24	
	-4	0.30		0.72	-0.86	
					-49.53	
					530.64	

49.53

C&FC Executive Engineer 29/12/22 Asst. Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore - 92

Assistant Engineer
Project Sub Division
Yelahanka Zone

K. Sankar Reddy

Assistant Executive Engineer
Project Sub Division
Yelahanka Zone BBMP

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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Pre-Measurement

Measurements Recarded on : 12/12/22

	Description of Item	No.	L	B	D	Qty.	Rate / Unit
27	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite / trap / basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) **Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates**						Cum
	Building Surrounding						
	N/S	1	15.00	1.40+1.25	0.05	0.99	
		1	14.35	2 1.25+0.85	0.05	0.75	
	S/S	1	15.00	2 0.25+0.7+1.0	0.05	0.49	
		1	1.40	3 1.0+1.1	0.05	0.07	
	E/S	1	15.00	2 1.2+1.3	0.05	0.94	
		1	11.60	2 1.3+1.3	0.05	0.75	
	W/S	1	15.00	2 1.1+0.9	0.05	0.75	
		1	9.00	2 0.9+0.9	0.05	0.41	
				2			
	Above Roof	1	(24.7+23.6)/2	(29.6+15.3)/2	0.05	27.11	
	Ground Floor	1	(15.7+18.25)/2	(9.7+10.2)/2	0.15	25.34	
	Hall	1	(5.6+5.1)/2	(8.1+10.2)/2	0.15	7.34	
	Kitchen			Total Qty		**64.94**	

CRFC Kundrahalli 12/12/22

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Assistant Engineer
Project Sub Division
Yelahanka Zone

K. Sankar Reddy

Assistant Executive Engineer
Project Sub Division
Yelahanka Zone BBMP

29/12/22

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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Pre-Measurement

Description of Item	No.	L	B	D	Qty.	Rate / Unit
Measurements Recarded on : 23/01/23						
Providing ruled pointing to cursed stone masonry with lime mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost all materials, labour, usage charges of machinery, curing complete as pre specification.						Sqm
Pointing						
For Compound Wall N/S	1	15.00		0.45	6.75	
	1	15.00		0.45	6.75	
S/S	1	2.00		0.45	0.90	
	1	15.00		0.45	6.75	
E/S	1	1.40		0.45	0.63	
	1	15.00		0.45	6.75	
W/S	1	11.60		0.45	5.22	
	1	15.00		0.45	6.75	
	1	9.00		0.45	4.05	
			Total Qty			**44.55**

CRFC
Hundred
23/1/23

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Assistant Engineer
Project Sub Division
Yelahanka Zone

Assistant Executive Engineer
Project Sub Division
Yelahanka Zone BBMP

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Pre-Measurement

Sl. No.	Description of Item	No.	L	B	D	Qty.	Rate / Unit
	Measurements Recarded on : 23/02/23						
38	Submersible Cable 1x3x6.0 Sq.mm						Mtrs
		1	30.00			30.00	
		1	30.00			30.00	
		1	30.00			30.00	
		1	30.00			30.00	
		1	30.00			30.00	
		1	30.00			30.00	
		1	30.00			30.00	
		1	30.00			30.00	
		1	30.00			30.00	
					Total Qty	240.00	

Cert-c
Arunadevi
23/2/23

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Assistant Engineer
Project Sub Division
Yelahanka Zone

Assistant Executive Engineer
Project Sub Division
Yelahanka Zone BBMP

K. Sankar Reddy

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Pre-Measurement

Sl. No.	Description of Item	No.	L	B	D	Qty.	Rate / Unit	
	Measurements Recarded on : 23/02/23							
	Borewell Pumpset							
E1	Providing, supplying to work site,Single Phase Submersible Pump Sets of 100mm dia (4 inch) suitable for borewell confirming to IS 8034-2000 specifications,with testing of as per instructions of engineer incharge of work and latest amendments Pumps **P100A- 5.00 HP/3.7KW 25 Stage**							No
	5.00 HP/3.7KW 25 Stage	1				1		

Assistant Engineer
Project Sub Division
Yelahanka Zone

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Yelahanka Zone
BBMP, Bangalore - 92

Assistant Executive Engineer
Project Sub Division
Yelahanka Zone BBMP

K. Sankar Reddy

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Description of Item	No.	L	B	D	Qty.	Rate / Unit
Measurements Recarded on : 23/2/23						
E2 Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984-2016 with latest ammendments and conveying to work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials with electrofusion welding, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bedns, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. Note: Upto 110mm dia Coil shall be used. For Grade PE80 PN6.0 **P010A- HDPE Grade PE80-PN6.0, 63mm dia**						Mtrs
	1	30.00				30.00
	1	30.00				30.00
	1	30.00				30.00
	1	30.00				30.00
		30.00				30.00
		30.00				30.00
		30.00				30.00
		30.00				30.00
		20.00				20.00
				Total Qty		**230.00**

CRFC

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92
23/2/23

Assistant Engineer
Project Sub Division
Yelahanka Zone

K. Sankar Reddy

Assistant Executive Engineer
Project Sub Division
Yelahanka Zone BBMP

23/2/23

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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Post-Measurement

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASUREMENT SHEET

FIRST AND FINAL BILL

Name of work: Balance Work of Marriage Community Hall in Jakkur in Ward No. 07, (Byatarayanapura).

Estimated Cost : Rs. 200.00 Lakhs

Job Code: 007-23-000001

Head of Account : P-3242

Name of Agency: Sri K. Shankar Reddy, # 18, Bhuvanesharinagara, Bangalore - 560 024.

Work order No: EE(Project) Ynk Zone/WO/27/2022-23 Dated: 14-09-2022.

Sl. No.	Description of Item	Measurements Recarded on : 23/02/23 No.	L	B	D	Qty.	Rate / Unit	Amount
1	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.						Cum	
	Qty as per Premeasurement Recorded vide E-Bill Page No. 1 is =					110.19	214.29	23613.00
2	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite / trap / basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, qÀell compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) **Mix 1:4:8(M5) Using 40 mm nominal size graded crushed coarse aggregates**						Cum	
	Qty as per Premeasurement Recorded vide E-Bill Page No. 2 is =					34.43	6181.08	212815.00
3	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)						Cum	
	Qty as per Premeasurement Recorded vide E-Bill Page No. 14 is =					53.23	6247.74	332567.00
4	Providing ruled pointing to cursed stone masonry with lime mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost all materials, labour, usage charges of machinery, curing complete as pre specification.						Sqm	
	Qty as per Premeasurement Recorded vide E-Bill Page No. 18 is =					44.55	273.34	12177.00
5	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite / trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately)						Cum	
	Ground Floor Qty as per Premeasurement Recorded vide E-Bill Page No. 07 to 08 is =					217.04	7855.40	1704936.00

Assistant Engineer
Project Sub Division
Yelahanka Zone

Assistant Executive Engineer
Project Sub Division
Yelahanka Zone BBMP

Asst. Executive Engineer
Project Sub Division
Yelahanka Zone
BBMP, Bangalore - 92

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Post-Measurement

	Description of Item	No.	L	B	D	Qty.	Rate / Unit	Amount
	Measurements Recarded on : 23/02/23							
	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite / trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately)					Cum		
	First Floor							
	Qty as per Premeasurement Recorded vide E-Bill Page No. 12 to 13 is =					**171.95**	7907.78	**1359743.00**
7	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.					Tonne		
	Ground Floor							
	Qty as per Premeasurement Recorded vide E-Bill Page No. 03 to 06 is =					**49.71**	119076.67	**5919301.00**
8	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.					Tonne		
	First Floor							
	Qty as per Premeasurement Recorded vide E-Bill Page No. 09 to 11 is =					**36.62**	119076.67	**4360588.00**
9	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications					Sqm		
	Ground Floor							
	Qty as per Premeasurement Recorded vide E-Bill Page No. 15 is =					**267.28**		
	Qty upto 125 %					**237.00**	1229.55	**291403.00**
	Qty Above 125 %					**30.28**	1222.54	**37019.00**
10	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications					Sqm		
	First Floor							
	Qty as per Premeasurement Recorded vide E-Bill Page No. 10 is =					**530.64**		
	Qty upto 125 %					**217.58**	1255.26	**273119.00**
	Qty Above 125 %					**313.06**	1234.76	**386554.00**
11	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge					Sqm		
	Ground Floor							
	For Compound Wall							
	N/S		2	15.00		2.00	60.00	
			2	15.00		2.00	60.00	
	S/S		2	2.00		2.00	8.00	
			2	15.00		2.15	64.50	
	E/S		2	1.40		2.15	6.02	
			2	15.00		1.95	58.50	
	W/S		2	11.60		1.95	45.24	
			1	15.00		1.95	29.25	
			2	9.00		1.95	17.55	
	Total Qty					**349.06**	250.48	**87433.00**

CREC
Krundver 23/2/23

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Assistant Engineer
Project Sub Division
Yelahanka Zone

K. Sankara Reddy

Assistant Executive Engineer
Project Sub Division
Yelahanka Zone BBMP

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Post-Measurement

	Description of Item	No.	L	B	D	Qty.	Rate / Unit	Amount
	Measurements Recarded on : 23/02/23							
12	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge						Sqm	
	Parapet Wall	2	29.60		1.00	59.20		
		2	15.60		1.00	31.20		
		2	24.00		1.00	48.00		
		2	24.70		1.00	49.40		
	Extension	2x8	0.22		0.90	3.17		
						190.97	256.20	48926.00
13	Finishing walls with water proofing cement paint of required shade :New work (Two coats applied @ 4.84 kg/10 m²) to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.						Sqm	
			Qty Vide Item No. 11			349.06		
	Total Qty					349.06	75.24	26263.00
14	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge						Sqm	
			Qty Vide Item No. 12			190.97		
	Total Qty					190.97	108.57	20733.00
15	Finishing walls with textured exterior paint of required shade :New work (Two coats applied @ 3.28 ltr/10 m²) over and including priming coat of exterior primer applied @ 2.20kg/10 m² to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge						Sqm	
	Front	1	14.45		4.85	70.08	239.05	16753.00
16	roviding and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. ** **Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent**.						Sqm	
	Ground Floor - Staircase							
	Landing	1	1.50	1.45		2.18		
		1	1.80	1.30		2.34		
		1	0.70	1.30		0.91		
		17	1.40	0.30		7.14		
	Steps	19	1.45	0.15		4.13		
	First Floor - Staircase							
	Landing	1	1.50	1.45		2.18		
		2	1.50		0.10	0.30		
		1	1.50	1.35		2.03		
		1	1.70		0.10	0.17		
		1	1.50		0.10	0.15		
		22	1.40	0.30		9.24		
	Steps	23	1.40	0.15		4.83		
	Skerting	22x2	0.30		0.10	1.32		
						36.91	3345.78	123484.00

CRFC Executive 23/2/23

Asst. Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore-92

TEJUS CONSULTANTS

Assistant Engineer
Project Sub Division
Yelahanka Zone

K. Sowkar Reddy

Executive 23/2/23

Asst. Executive Engineer
Project Division
Yelahanka Zone BBMP
Bangalore - 92

Assistant Executive Engineer
Project Sub Division
Yelahanka Zone BBMP

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(25)

Post-Measurement

	Description of Item	No.	L	B	D	Qty.	Rate / Unit	Amount
	Measurements Recarded on : 23/02/23							
17	Providing Teak wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.					Cum		
	MD	1	7.80	0.075	0.125	0.07		
		1	7.30	0.075	0.125	0.07		38447.00
						0.14	271588.29	
18	Providing and fixing in position fully panelled Teak wood shutters for doors with , stiles and rails of 35mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures)					Sqm		
	MD	1	1.50		2.25	3.38		69148.00
		1	1.40		2.10	2.94		
						6.32	10949.74	
19	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.					Sqm		
	Doors Room	6	6.30	0.075	0.10	0.28		60720.00
	Doors Tiolet	7	5.70	0.075	0.10	0.30		
						0.58	104195.42	
20	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures)					Sqm		
	Doors 1 Rooms	6	1.05		2.10	13.23		140610.00
	Doors 2 Toilet	6	0.70		2.10	8.82		
	Doors Toilet	1	0.90		2.10	1.89		
						23.94	5873.45	
21	Polishing on wood work with ready mixed wax polish of approved brand and manufacture : New work to give an even surface including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, sand papering smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.					Sqm		
	MD	1	1.50		2.25	3.38		806.00
		1	1.40		2.10	2.94		
						6.32	127.62	
22	Applying priming coat: With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.					Sqm		
	Doors 1 Rooms	2x6	1.05		2.10	26.46		2371.00
		2x6	0.70		2.10	17.64		
		2	0.90		2.10	3.78		
						47.88	49.52	
23	Painting wood work with Deluxe Multi Surface Paint of required shade. Two coat applied @ 0.90 ltr/10 m² over an under coat of primer applied @0.75 ltr/10 m² of approved brand and manufacture to give an even shade including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, sand papering and knotting , cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.					Sqm		
	Doors 1 Rooms	2x6	1.05		2.10	26.46		5883.00
		2x6	0.70		2.10	17.64		
		2	0.90		2.10	3.78		
						47.88	122.86	

TEJUS CONSULTANTS

Assistant Engineer
Project Sub Division
Yelahanka Zone

K. Sankar Reddy

Asst. Executive Engineer
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Yelahanka Zone BBMP
BBMP, Bangalore - 92

Assistant Executive Engineer
Project Sub Division
Yelahanka Zone BBMP

23/2/23

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(26) Post-Measurement

	Description of Item	No.	L	B	D	Qty.	Rate / Unit	Amount
	Measurements Recarded on : 23/02/23							
24	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace / Chajjas / Sunken portion of WC: Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6kg per m2 to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g per m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge.						Sqm	
	Water proofing	1	(24.7+23.6)/2	(29.6+15.3)/2		542.17		
						542.17		**103316.00**
						120.00	860.97	**366023.00**
						422.17	867.01	
25	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520 / HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications.						Sqm	
	Railing	1	20.30		0.90	18.27		**124499.00**
						18.27	6814.42	
26	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation.						Sqm	
	Gates	1	2.60		1.65	4.29		
		1	4.30		1.65	7.10		
		1	1.20		1.75	2.10		
		1	1.50		1.70	2.55		
		1	1.40		2.10	2.94		
						18.98	3407.69	**64661.00**
27	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite / trap / basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) **Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates**						Cum	
	Qty as per Premeasurement Recorded vide E-Bill Page No. 17 is =					**64.94**		
	Qty upto 125%					**27.74**	6828.71	**189428.00**
	Qty above 125%					**37.20**	6600.09	**245523.00**

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Post-Measurement

	Description of Item	No.	L	B	D	Qty.	Rate / Unit	Amount
	Measurements recarded on : 23/02/23							
28	Fabricating, supplying and erecting M.S. Tubular Truss of span upto 10m. The bottom and top member is provided with 50x50x6mm double equal angles, welded back to back and in between top and bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all themembers including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification.						Kgs	
	trusses							
	Vertical Box Pipe	4	1.05		4.20			
	Samall rectangle	8	4.80		38.40			
	Big rectangle	2	4.80		9.60			
	Perlins	3x3	3.30		29.70			
	Joints for Slope	3	2.15		6.45			
	Round Pipe							
		1	5.25		5.25			
		1	5.20		5.20			
		1	4.30		4.30			
		1	3.10		3.10			
		1	2.05		2.05			
	Sides	5	4.65		23.25			
	Above Lift	10	2.10		21.00			
					152.50			
				wt	3.23		492.58	
							492.58	
							492.58	
				Say			325.00	124.76	40547.00
	Total Qty						167.58	125.57	21042.00
	Qty upto 125%								20907.3
	Qty Above 125%								
29	Providing & fixing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete as per design drawings (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required as per the direction of Engineer in charge **0.63 mm thick with zinc coating not less than 275 g / m²**						Sqm	
		2	5.25	3.75			39.38		
							39.38		
	Total Qty						35.75	915.26	32721.00
	Qty upto 125%						3.63	916.04	3321.00
	Qty Above 125%								
30	Providing granite slabs of selected quality roughly dressed having a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing etc., complete **Page No. 27 / Item No. 5.31.2 PWD SR 2018-19**						Sqm	
			Not Executed					
31	KSRB 5-9 : Providing chamfering edges to stone slab 2.5 cms. wide as per specifications. (only chamfered length shall be recorded) KBS 5.1.13 **Page No. 26 / Item No. 5.22, PWD SR 2018-19**						M	
			Not Executed					
32	KSRB 5-8.2 : Providing two line dressing to granite stone slab / granite stone masonry as per specifications. KBS 5.1.13 **Page No. 26 / Item No. 5.18, PWD SR 2018-19**						Sqm	
			Not Executed					

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Post-Measurement

	Description of Item	No.	L	B	D	Qty.	Rate / Unit	Amount
	Measurements Recarded on : 23/02/23							
	Providing and fixing 20mm thick gang saw water cut Lakared granite for cladding in CM 1:3 (1 cement : 3 coarse sand) proportion with a coat of rough plastering using CM 1:4 (1 cement : 4 fine sand), cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, mortar, labour for all items of work, usage charges of machinery etc., complete as per specification **Area of the slab = 0.50 m2**						Sqm	
	Staircase Cladding							
	Ground Floor							
	L/S	1	0.66		2.45	1.62		
		1	0.45		1.06	0.48		
		1	0.70		2.22	1.55		
		1	0.48		0.50	0.24		
		1	0.70		1.65	1.16		
		1	1.10		1.45	1.60		
		1	5.00		1.65	8.25		
		1	1.55		1.30	2.02		
		1	1.65		1.65	2.72		
		1	2.25		2.10	4.73		
		1	0.40		2.10	0.84		
		1	1.40		2.10	2.94		
		1	1.80		1.55	2.79		
		1	1.50		0.90	1.35		
		1	1.90		1.50	2.85		
	R/S							
		1	2.40		1.60	3.84		
		1	2.40		1.60	3.84		
		1	1.68		1.65	2.77		
		1	0.80		1.70	1.36		
	Front Wall	1	3.90		4.85	18.92		
		1	4.14		4.85	20.08	85.93	
		-2	1.70		1.70	-5.78		
	Deduct Windows					**80.15**	3973.41	**318455.00**
34	Providing, laying & fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification						Sqm	
	infront of Anganavadi	1	15.00	(1.40+1.25)/2		19.88		
		1	14.35	(1.25+0.85)/2		15.07		
	N/S	1	14.10	(1.05+0.65+0.3)/3		9.40		
						44.34	1312.41	**58196.00**
35	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by meansns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps **PWD SR 2018-19 P. XLII Item No. 43 including of all taxes**						Each	
			Not Executed					

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Post-Measurement

Sl. No.	Description of Item	No.	L	B	D	Qty.	Rate / Unit	Amount
	Measurements Recarded on : 23/02/23							
36	GI Pipe 50 mm'B' class **Page No. XLVII Sl No. 1, PWD SR 2018-19**							
			Not Executed				Mtrs	
37	Heavy Duty Collar 50 mm dia **Page No. XLVII, SL No. 2, PWD SR 2018-19**							
			Not Executed				Nos	
38	Submersible Cable 1x3x6.0 Sq.mm							
	Qty as per Premeasurement Recorded vide E-Bill Page No. 19 is =					**240.00**	Mtrs 150.48	**36115.00**
39	Labour charges for erection as new / repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00) **Page No. 558, Items No-3 BWSSB SR for 2014-15)**						Per Length	
			Not Executed					
40	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws						Each	
		1				**1**	305.72	**306.00**
41	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 GROUP-A						Mtrs	
		1	30.00			**30.00**	157.15	**4715.00**
42	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. **(6Sqmm to 16 Sqmm)**						Mtrs	
		1	30.00			**30.00**	12.38	**371.00**
43	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.						Mtrs	
	For Cutting Road Surface	1	25.00			**25.00**	79.05	**1976.00**
44	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole / wall / drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.						Mtrs	
	40mm dia GI pipe	1	4.00			**4.00**	350.48	**1402.00**
45	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.						Each	
	16Sqmm	1				**1.00**	282.86	**283.00**
46	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,						Each	
		1				**1**	3141.97	**3142.00**
47	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.						Each	
	32 Amps	1x6				**6**	181.91	**1091.00**

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	Description of Item	No.	L	B	D	Qty.	Rate / Unit	Amount
	Measurements Recarded on : 23/02/23							
48	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. **6-32Amps TPN**						Each	
		1				1	1796.23	1796.00
49	Fabricating supplying and mounting MS box made out … SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete						Sq.cm	
	16SWG	1x2	120.00	60.00		14400.00		
		1	360.00	25.00		9000.00		
						23400.00	0.36	**8424.00**
			EIRL					
	Borewell Pumpset							
E1	Providing, supplying to work site,Single Phase Submersible Pump Sets of 100mm dia (4 inch) suitable for borewell confirming to IS 8034-2000 specifications,with testing of as per instructions of engineer incharge of work and latest amendments Pumps **P100A- 5.00 HP/3.7KW 25 Stage**						No	
	Qty as per Premeasurement Recorded vide E-Bill Page No. 20 is =					1	28308.69	**28309.00**
E2	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984-2016 with latest ammendments and conveying to work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials with electrofusion welding, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bedns, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. Note: Upto 110mm dia Coil shall be used. For Grade PE80 PN6.0 **P010A- HDPE Grade PE80-PN6.0, 63mm dia**						Mtrs	
	Qty as per Premeasurement Recorded vide E-Bill Page No. 21 is =					**230.00**	149.79	**34452.00**
E3	Supply, installing,testing and commissioning COMMON control panel consisting of the following INCOMING:1 No set of Phase indicating lamps with SFU of suitable rating 1 No, Analog Ammeter, 1 No Analog Voltmeter 1ni with Phase selector switch, Isolating switch OUTGOING for Main Electrical Pump: 1 No. MCB 1 No. DOL of S/D Starter suitable for respective HP 1 No. Electrcal Protection Like single Phase preventor, under voltage over Volage, under current over current & dry run protection suitable for the pump described above 1 no Indoor typ e NOTE: 1) DOL Direct Online Starter 2) S-D- Star Delta Starter outdoor **Upto 6 HP pumps P280A**						Each	
		1				1		
						1	13093.75	**13094.00**

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Sl No.	Description of Item	No.	L	B	D	Qty.	Rate / Unit	Amount
Measurement recarded on :		23/02/23						
54	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal of any Specification No. KBS using aluminium section anodized to 12 - 15 microns.						Sqm		
Ground Floor Kitchen								
Aluminium Partition		1	4.85		2.50	12.13		
		1	1.47		2.50	3.63		
						15.75	4826.13	76012.00
Sub Total								17334632.00
GST @ 18%								3120234.00
								20454866.00

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17 333882
17333632.00
31200 98
3120234.00
2045 3900
20453900 - ①
20454866.00

TOTAL AMOUNT RS.

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